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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. UOC/136R	SERIAL NO. 09/618,361
JUN 04 2001 PATENT & TRADEMARK OFFICE		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Balasubramanium et al.	
(37 CFR 1.98(b))				FILING DATE July 18, 2000	GROUP

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
CYK	A.L	EP0268297A2	5/1988	European			
CYK	A.M	EP0381340A2	8/1990	European			
	A.N						
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)						
CYK	A.R	IUPAC-IUB Commission on Biochemical Nomenclature A One-Letter Notation for Amino Acid Sequences Tentative Rules, The Journal of Biological Chemistry, Vol. 243, No. 13, July 10, 1968, 3557-3359.				
/	A.S	D. De Wied (Ed.), <u>Neuropeptides, Basics and Perspectives</u> , Elsevier Science Publishers, The Netherlands, 1990, 175-351.				
CYK	A.T	A.R. Gennaro et al. (Eds.), <u>Remington's Pharmaceutical Sciences</u> , Mack Publishing Company, Easton, PA, 1990, 931, 1012, 1021, 1120, 1164, 1286, 1298, 1305-1308, 1310-1311, 1313-1314, 1316-1317, 1320, 1324, 1329.				
EXAMINER <i>CHL</i>			DATE CONSIDERED <i>12/4/03</i>			

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SUBSTITUTE FORM PTO-1449 (MODIFIED) JUN 04 2001 (37 CFR 1.98(b))		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. UOC/136R	SERIAL NO. 09/618,361
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Balasubramanian et al.			
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U.S. PATENT DOCUMENTS							
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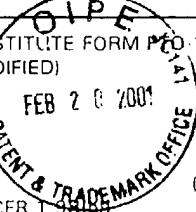
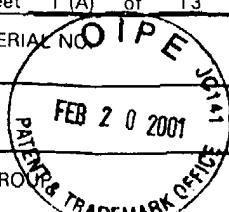
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)						
<i>CK</i>	B.R	E. Gross et al. (Eds.), <u>The Peptides</u> , Vol. 1, <u>Major Methods of Peptide Bond Formation</u> , Academic Press, Inc., New York, San Francisco, London, 1979, 26-52, 125-126, 156-174, 242-260, 293-304, 336-362.				
<i>CK</i>	B.S	E. Gross et al. (Eds.), <u>The Peptides</u> , Vol. 3, <u>Protection of Functional Groups in Peptide Synthesis</u> , Academic Press, Inc., New York, London, Toronto, Sydney, San Francisco, 1981, 1-99, 101-136, 203-252.				
<i>CK</i>	B.T	M. Heilig et al., <u>Neuropeptide Y: an overview of central distribution, functional aspects, and possible involvement in neuropsychiatric illnesses</u> , Acta Psychiatr. Scand., Vol. 82, 1990, 95-114.				
EXAMINER	<i>CK</i>		DATE CONSIDERED	<i>7/14/03</i>		

EKAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Sheet 3 (C) of 3
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CK	C.R	G. Poste et al., <u>Lipid Vesicles as Carriers for Introducing Biologically Active Materials into Cells</u> , Methods in Cell Biology, Vol. XIV, Academic Press, New York, N.Y., 1976, 33-71.					
	C.S	J.M. Stewart et al., <u>Solid Phase Peptide Synthesis</u> , W.H. Freeman and Company, San Francisco, 1969.					
CK	C.T	J.D. Wilson, M.D. et al., <u>Harrison's Principles of Internal Medicine</u> , 12th Ed., McGraw-Hill, Inc., 1991, Chaps. 15, 65-67, 69, 75-76, 84-86, 151, 182, 185, 190, 196, 301, 316-317, 319, 321-322, 369, 371-372.					
EXAMINER	<i>CK</i>		DATE CONSIDERED		<i>12/4/03</i>		
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 FEB 20 2001		INFORMATION DISCLOSURE STATEMENT BY APPLICANT							APPLICANT Balasubramanian et al.	 FEB 20 2001	
		(Use several sheets if necessary)							FILING DATE July 18, 2000		GROUP
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U.S. PATENT DOCUMENTS

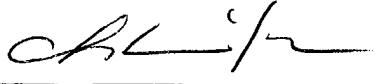
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CMK	A.A	3	8	4	2	0	6	7	10/1974	Dimitrios Sarantakis	511	717	JUL 16 2001 CENTR 1600/2900
	A.B	3	8	6	2	9	2	5	1/1975	Sarantakis et al.	511	717	
	A.C	3	9	7	2	8	5	9	8/1976	Fujino et al.	511	717	
	A.D	4	1	0	5	6	0	3	8/1978	Vale, Jr. et al.	511	717	
	A.E	4	2	4	4	9	4	6	1/1981	Rivier et al.	511	717	
	A.F	4	2	9	7	3	4	6	10/1981	Rips et al.	511	717	
	A.G	4	4	1	5	5	5	8	11/1983	Vale, Jr. et al.	511	717	
	A.H	4	4	9	0	3	6	4	12/1984	Rivier et al.	511	717	
	A.I	4	8	3	9	3	4	3	6/1989	Waeber et al.	511	717	
	A.J	4	8	7	0	0	0	9	9/1989	Evans et al.	511	717	
CMK	A.K	5	2	7	0	3	0	2	12/1993	Shiosaki et al.	511	717	

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

CMK	A.R	A. Balasubramanian et al., <u>Characterization of Neuropeptide Y Binding Sites in Rat Cardiac Ventricular Membranes</u> , Peptides, Vol. 11, 1990, pp. 545-550.
	A.S	A. Balasubramanian et al., <u>Synthesis and biological properties of 4-norleucine-neuropeptide Y; secondary structure of neuropeptide Y</u> , Biochimica et Biophysica Acta, Vol. 987, 1989, pp. 176-181.
CMK	A.T	Elizabeth N. Barnes et al., <u>The Fine Structure of Continuous Human Neuroblastoma Lines SK-N-SH, SK-N-BE(2), and SK-N-MC</u> , In Vitro, Vol. 17, No. 7, July 1981, pp. 619-631.

EXAMINER 	DATE CONSIDERED 12/4/03
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CMK</i>	B.A	5	3	2	8	8	9	9	7/1994	Boublik et al.				
	B.B													<i>FEB 20 2001</i>
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>CMK</i>	B.R	Ulrich Bickel et al., <u>Synthesis and Bioactivity of Monobiotinylated DALDA: A Mu-Specific Opioid Peptide Designed for Targeted Brain Delivery</u> , Journal of Pharmacology and Experimental Therapeutics, Vol. 268, No. 2, 1994, pp. 791-796.
<i>CMK</i>	B.S	D. Bleakman et al., <u>Neuropeptide Y inhibits Ca^{2+} influx into cultured dorsal root ganglion neurones of the rat via a Y₂ receptor</u> , Dept. of Pharmacological and Physiological Sciences, University of Chicago, Mar. 11, 1991, pp. 1781-1789.
<i>CMK</i>	B.T	W.T. Chance et al., <u>Pertussis Toxin Inhibits Neuropeptide Y-Induced Feeding in Rats</u> , Peptides, Vol. 10, 1989, pp. 1283-1286.

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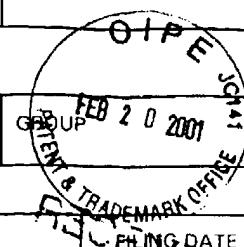
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Balasubramanian et al.	
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(37 CFR 1.98(b))					



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
CK	D.R	Yvan Dumont et al., <u>Neuropeptide Y and Neuropeptide Y Receptor Subtypes in Brain and Peripheral Tissues</u> , Progress in Neurobiology, Vol. 38, 1992, pp. 125-167.					
/	D.S	Jean-Alain Fehrentz et al., <u>An Efficient Synthesis of Optically Active α-(<i>t</i>-Butoxycarbonylamino)-aldehydes from α-Amino Acids</u> , Communications, August, 1983, pp. 676-678.					
CK	D.T	James F. Flood et al., <u>Dissociation of the Effects of Neuropeptide Y on Feeding and Memory: Evidence for Pre-and Postsynaptic Mediation</u> , Peptides, Vol. 10, 1989, pp. 963-966.					
EXAMINER <i>ck</i>				DATE CONSIDERED <i>12/4/03</i>			

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<i>CMK</i>	E.R	Roger M. Freidinger et al., <u>Synthesis of 9-Fluorenylmethyloxycarbonyl Protected N-Alkyl Amino Acids by Reduction of Oxazolidinones</u> , J. Org. Chem., Vol. 48, 1983, pp. 77-81.						
<i>CMK</i>	E.S	Jannie Fuhlendorff et al., <u>[Leu³¹, Pro³⁴] Neuropeptide Y: A specific Y₁ receptor agonist</u> , Proc. Natl. Acad. Sci., Vol. 87, Jan. 1990, pp. 182-186.						
<i>CMK</i>	E.T	Glover et al., <u>Conformational studies on the pancreatic polypeptide hormone family</u> , Eur. J. Biochem. Vol. 142, 1985, pp. 379-385.						
EXAMINER <i>ABL</i>		DATE CONSIDERED <i>1-24-03</i>						
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Balasubramanium et al.	FEB 20 2001 PATENT & TRADEMARK OFFICE C141
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CMK	F.R	Eric A. Gordon et al., <u>Characterization of Functional Neuropeptide Y Receptors in a Human Neuroblastoma Cell Line</u> , Journal of Neurochemistry, International Society for Neurochemistry, 1990, pp. 506-513.
/	F.S	M. Heilig et al., <u>Neuropeptide Y: an overview of central distribution, functional aspects, and possible involvement in neuropsychiatric illnesses</u> , Dept. of Psychiatry and Neurochemistry, University of Lund, Lund, Sweden, Mar. 17, 1990, pp. 95-114.
CMK	F.T	Joseph Hinson et al., <u>Neuropeptide Y stimulates inositol phospholipid hydrolysis in rat brain miniprisms</u> , Brain Research, Vol. 446, 1988, pp. 379-382.

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CMK	G.R	Jan M. Lundberg et al., <u>Neuropeptide Y receptor in pig spleen: binding characteristics, reduction of cyclic AMP formation and calcium antagonist inhibition of vasoconstriction</u> , European Journal of Pharmacology, Vol. 145, 1988, pp. 21-29.					
/	G.S	R.B. Merrifield, <u>Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide</u> , J. Amer. Chem. Soc., Vol. 85, July 20, 1963, pp. 2149-2154.					
CMK	G.T	Martin C. Michel, <u>Receptors for neuropeptide Y: multiple subtypes and multiple second messengers</u> , TiPS, Vol. 12, Oct. 1991, pp. 389-394.					
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)								
<i>CK</i>	H.R	Shin-ichi Mihara et al., <u>Neuropeptide Y-induced intracellular Ca^{2+} increases in vascular smooth muscle cells</u> , FEBS Letters, Vol. 259, No. 1, Dec. 1989, pp. 79-82.						
<i>CK</i>	H.S	Harvey J. Motulsky et al., <u>Neuropeptide Y Mobilizes Ca^{2+} and inhibits adenylyl cyclase in human erythroleukemia cells</u> , Amer. J. of Physiol., 1988, pp. E880-E885.						
<i>CK</i>	H.T	William M. Pardridge et al., <u>Endorphin Chimeric Peptides: Transport through the Blood-Brain Barrier <i>in Vivo</i> and Cleavage of Disulfide Linkage by Brain</u> , Endocrinology, Vol. 126, No. 2, 1990, pp. 977-984.						
EXAMINER <i>CKL/r</i>				DATE CONSIDERED <i>1-24-03</i>				
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. UOC/136R		SERIAL NO. 61/PE 50		
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Balasubramanium et al.		FEB 20 2001 PATENT & TRADEMARK OFFICE		
		(Use several sheets if necessary)			FILING DATE July 18, 2000		GROUP		
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U.S. PATENT DOCUMENTS									
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CK	I.R	B. Penke et al., <u>New Synthetic Approach to Peptide Sulfate Esters. Synthesis and Biological Activities of CCK Analogs</u> , Synthesis of Peptides: Methods, Proceedings of the 8 th American Peptide Symposium, Rockford, IL, 1983, pp. 119-122.							
	I.S	Marc Rodriguez et al., <u>Synthesis and Biological Activities of Pseudopeptide Analogues of the C-Terminal Heptapeptide of Cholecystokinin. On the Importance of the Peptide Bonds</u> , J. Med. Chem., Vol. 30, 1987, pp. 1366-1373.							
CK	I.T	Y. Sasaki et al., <u>Solid Phase Synthesis of Peptides Containing the CH₂NH Peptide Bond Isostere</u> , Peptides, Vol. 8, 1987, pp. 119-121.							
E-AMINER	<i>CK</i>			DATE CONSIDERED		1-24-03			
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CMK	J.R	Eberhard Schroder et al., <u>The Peptides</u> , Vol. 1, Methods of Peptide Synthesis, Academic Press, 1965, pp. 72-75.
/	J.S	Thue W. Schwartz et al., <u>Signal Epitopes in the Three-Dimensional Structure of Neuropeptide Y: Interaction with Y₁, Y₂, and Pancreatic Polypeptide Receptors</u> , in <u>Central and Peripheral Significance of Neuropeptide Y and its Related Peptides</u> , (Janet M. Allen et al., eds.), Annals of New York Academy of Sciences, Vol. 611, 1990, pp. 35-47.
CMK	J.T	Soren P. Sheikh et al., <u>Localization of Y₁ receptors for NPY and PYY on vascular smooth muscle cells in rat pancreas</u> , Am. J. Physiol., Vol. 260, 1991, pp. G250-G257.

EXAMINER	<i>Chu</i>	DATE CONSIDERED
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		INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Balasubramanium et al.		FEB 20 2001 PATENT & TRADEMARK OFFICE GMA		
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)									
CK	R	Soren P. Sheikh et al., <u>Y₂-type receptors for peptide YY on renal proximal tubular cells in the rabbit</u> , Am. J. Physiol., Vol. 26, 1989, pp. F978-F984.							
/	S	Soren P. Sheikh et al., <u>Structural Characterization of Y₁ and Y₂ Receptors for Neuropeptide Y and Peptide YY by Affinity Cross-linking</u> , J. Biol. Chem., Vol. 265, No. 14, May 15, 1990, pp. 8304-8310.							
CK	T	R.T. Shuman et al., <u>Structure-Activity Studies of Enkephalin Tetrapeptides</u> , in <u>Peptides: Proceedings of the 7th American Peptide Symposium</u> , Rockford, IL, 1981, pp. 617-621.							
E. AMINER	<i>CK</i>			DATE CONSIDERED		<i>1/14/03</i>			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	L.K						7/18/00

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CMK	L.R	Anders Unden et al., <u>Neuropeptide Y receptor in the rat brain</u> , Eur. J. Biochem., Vol. 145, 1984, pp. 525-530.					
	L.S	Claes Wahlestedt et al., <u>Evidence for different pre- and post-junctional receptors for neuropeptide Y and related peptides</u> , Regulatory Peptides, Vol. 13, 1986, pp. 307-318.					
CMK	L.T	Mary W. Walker et al., ¹²⁵ I-Neuropeptide Y and ¹²⁵ I-Peptide YY Bind to Multiple Receptor Sites in Rat Brain, Molecular Pharmacology, Vol. 34, Sept. 8, 1988, pp. 779-792.					
EXAMINER <i>abc/ln</i>				DATE CONSIDERED <i>12/4/03</i>			

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CK	M.R	Anita Westlind-Danielson et al., <u>Neuropeptide Y receptors and the inhibition of adenylyl cyclase in the human frontal and temporal cortex</u> , Neuroscience Letters, Vol. 74, 1987, pp. 237-242.
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EAMINER <i>CK</i>	DATE CONSIDERED <i>1/24/03</i>
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